## **Author Index**

Albus, K., see Wahle, P., 53

Armstrong, D.M., Bruce, G., Hersh, L.B. and Gage, F.H., Development of cholinergic neurons in the septal/diagonal band complex of the rat, 249

Arthur, F.E., Shivers, R.R. and Bowman, P.D., Astrocytemediated induction of tight junctions in brain capillary endothelium: an efficient in vitro model, 155

Bannigan, J.G., Autoradiographic analysis of effects of 5-bromodeoxyuridine on neurogenesis in the chick embryo spinal cord, 161

Baron-Van Evercooren, A., Leprince, P., Rogister, B., Lefebvre, P.P., Delree, P., Selak, I. and Moonen, G., Plasminogen activators in developing peripheral nervous system, cellular origin and mitogenic effect, 101

Barry, M.J. and O'Donovan, M.J., The effects of excitatory amino acids and their antagonists on the generation of motor activity in the isolated chick spinal cord, 271

Bartolome, J.V., see Lau, C., 277

Bartolome, M.B., see Lau, C., 277

Beard, M.D. and Mackay-Sim, A., Loss of sense of smell in adult, hypothyroid mice, 181

Beard, M.D., see Mackay-Sim, A., 190

Binet, S., see Cohen, E., 171

Bladier, D., see Joubert, R., 146

Blair, J.R. and Turner, J.E., Optimum conditions for successful transplantation of immature rat retina to the lesioned adult retina 257

Boss, B.D., Gozes, I. and Cowan, W.M., The survival of dentate gyrus neurons in dissociated culture, 199

Bouvier, R., see Charnay, Y., 63

Bowman, P.D., see Arthur, F.E., 155

Bruce, G., see Armstrong, D.M., 249

Caron, M., see Joubert, R., 146

Charnay, Y., Chayvialle, J.-A., Pradayrol, L., Bouvier, R., Paulin, C. and Dubois, P.M., Ontogeny of somatostatin-like immunoreactivity in the human fetus and infant spinal cord, 63 Chayvialle, J.-A., see Charnay, Y., 63

Chiaia, N.L., Hess, P.R. and Rhoades, R.W., Preventing regeneration of infraorbital axons does not alter the ganglionic or transganglionic consequences of neonatal transection of this trigeminal branch, 75

Cohen, E., Binet, S. and Meininger, V., In situ appearance of the cold-stable microtubules in the growing axons of the tectal plate of mouse investigated immunocytochemically after polyethyleneglycol (PEG) embedding, 171

Cooper, N.G.F., see Steindler, D.A., 27 Cowan, W.M., see Boss, B.D., 199

Crossland, W.J., Neurogenetic gradients in the hamster visual pathway, 314

Dederen, P.J.W.C., see Joosten, E.A.J., 121 Delree, P., see Baron-Van Evercooren, A., 101 Dubois, P.M., see Charnay, Y., 63

Fisher, J.E., Pasik, T. and Pasik, P., Early postnatal devel-

opment of monkey subthalamic nucleus: a light and electron microscopic study, 39

Gage, F.H., see Armstrong, D.M., 249

Gallatz, K., see Hajós, F., 131

Garthwaite, G., Yamini Jr., B. and Garthwaite, J., Selective loss of Purkinje and granule cell responsiveness to *N*-methyl-p-aspartate in rat cerebellum during development, 288

Garthwaite, J., see Garthwaite, G., 288

Goldstein, M., see Henschen, A., 237

Gozes, I., see Boss, B.D., 199

Gribnau, A.A.M., see Joosten, E.A.J., 121

Hablitz, J.J. and Heinemann, U., Extracellular K<sup>+</sup> and Ca<sup>2+</sup> changes during epileptiform discharges in the immature rat neocortex, 299

Hajós, F. and Gallatz, K., Immunocytochemical demonstration of radial glia in the developing rat olfactory bulb with antibodies to glial fibrillary acidic protein, 131

Hamilton, K.H., see Rosselli-Austin, L., 304

Harrison, P.H., Innervation and behaviour of ectopic limbs in Xenopus, 89

Harvey, A.R., see Tan, M.M.L., 293

Hayashi, M. and Patel, A.J.. An interaction between thyroid hormones and nerve growth factor in the regulation of choline acetyltransferase activity in neuronal cultures, derived from the septal-diagonal band region of the embryonic rat brain, 109

Heinemann, U., see Hablitz, J.J., 299

Henschen, A., Goldstein, M. and Olson, L., The innervation of intraocular spinal cord transplants by cografts of locus ceruleus and substantia nigra neurons, 237

Herschkowitz, N., see Reynolds, R., 1

Herschkowitz, N., see Reynolds, R., 13

Hersh, L.B., see Armstrong, D.M., 249

Hess, P.R., see Chiaia, N.L., 75

Holmes, G.L. and Thompson, J.L., Rapid kindling in the prepubescent rat, 281

Joosten, E.A.J., Gribnau, A.A.M. and Dederen, P.J.W.C., An anterograde tracer study of the developing corticospinal tract in the rat: three components, 121

Joubert, R., Caron, M. and Bladier, D., Brain lectin-mediated agglutinability of dissociated cells from embryonic and postnatal mouse brain, 146

Lau, C., Bartolome, J.V., Bartolome, M.B. and Slotkin, T.A., Central and sympatho-adrenal responses to insulin in adult and neonatal rats, 277

Lefebvre, P.P., see Baron-Van Evercooren, A., 101

Leon, M., see Woo, C.C., 309

Leprince, P., see Baron-Van Evercooren, A., 101

Mackay-Sim, A. and Beard, M.D.. Hypothyroidism disrupts neural development in the olfactory epithelium of adult mice, 190

Mackay-Sim, A., see Beard, M.D., 181

Meininger, V., see Cohen, E., 171

Meyer, G., see Wahle, P., 53

Moonen, G., see Baron-Van Evercooren, A., 101

Nehlig, A., see Pereira de Vasconcelos, A., 219 Nehlig, A., see Pereira de Vasconcelos, A., 231

O'Donovan, M.J., see Barry, M.J., 271 Olson, L., see Henschen, A., 237

Pasik, P., see Fisher, J.E., 39

Pasik, T., see Fisher, J.E., 39

Patel, A.J., see Hayashi, M., 109

Paulin, C., see Charnay, Y., 63

Pereira de Vasconcelos, A. and Nehlig, A., Effects of early chronic phenobarbital treatment on the maturation of energy metabolism in the developing rat brain. I. Incorporation of glucose carbon into amino acids, 219

Pereira de Vasconcelos, A., Schroeder, H. and Nehlig, A., Effects of early chronic phenobarbital treatment on the maturation of energy metabolism in the developing rat brain. II. Incorporation of  $\beta$ -hydroxybutyrate into amino acids, 231

Pomerantz, S.M. and Sholl, S.A., Analysis of sex and regional differences in androgen receptors in fetal rhesus monkey brain, 151

Pradayrol, L., see Charnay, Y., 63

Reynolds, R. and Herschkowitz, N., Oligodendroglial and astroglial heterogeneity in mouse primary central nervous system culture as demonstrated by differences in GABA and Daspartate transport and immunocytochemistry, 13

Reynolds, R. and Herschkowitz, N., Simultaneous immunofluorescence and autoradiography: a useful technique for investigating neurotransmitter uptake by neurons and glia in primary central nervous system culture, 1

Rhoades, R.W., see Chiaia, N.L., 75

Ribak, C.E., see Seress, L., 139

Robertson, R.T., see Seress, L., 139

Rogister, B., see Baron-Van Evercooren, A., 101

Rosselli-Austin, L., Hamilton, K.H. and Williams, J., Early postnatal development of the rat accessory olfactory bulb,

Schroeder, H., see Pereira de Vasconcelos, A., 231

Selak, I., see Baron-Van Evercooren, A., 101

Seress, L., Robertson, R.T. and Ribak, C.E., Electron microscopic localization of acetylcholinesterase in the dentate gyrus of young and adult rats, 139

Sharma, R. and Timiras, P.S., Age-dependent activation of glucocorticoid receptors in the cerebral hemispheres of male

Shivers, R.R., see Arthur, F.E., 155

Sholl, S.A., see Pomerantz, S.M., 151

Slotkin, T.A., see Lau, C., 277

Steindler, D.A. and Cooper, N.G.F., Glial and glycoconjugate boundaries during postnatal development of the central nervous system, 27

Tan, M.M.L. and Harvey, A.R., The development and distribution of a-bungarotoxin binding sites in rat tectal transplants, 293

Thompson, J.L., see Holmes, G.L., 281

Timiras, P.S., see Sharma, R., 285

Turner, J.E., see Blair, J.R., 257

Wahle, P., Meyer, G., Wu, J.-Y. and Albus, K., Morphology and axon terminal pattern of glutamate decarboxylase-immunoreactive cell types in the white matter of the cat occipital cortex during early postnatal development, 53

Williams, J., see Rosselli-Austin, L., 304

Woo, C.C. and Leon, M., Sensitive period for neural and behavioral response development to learned odors, 309

Wu, J.-Y., see Wahle, P., 53

Yamini Jr., B., see Garthwaite, G., 288

